WHAT IS CLAIMED IS:

1. A system for fastening a mesh cable tray, comprising a series of longitudinal wires and a series of U-shaped transverse wires connected to one another so as to form a network, the series of longitudinal wires including at least one bottom wire, on a support section comprising an upper support surface for supporting the tray and a pair of lateral walls connected to the longitudinal edges of said surface,

the system including at least one retaining member for retaining the tray on the section and capable, on the one hand, of engaging a bottom wire of the tray and, on the other hand, of engaging the free edge opposed to the longitudinal connecting edge of one of said lateral walls or of penetrating into an aperture provided on one of said lateral walls of the section and of engaging the contour of said aperture, at the transverse section plane in which the bottom wire is disposed, in such a way as to assume a stable coupling configuration.

2. A system according to claim 1, wherein said retaining member is a wire retaining member or a retaining member made of sheet metal bent in a U-shape so as to have a concave section capable of at least partially surrounding the bottom wire of the tray and having a pair of shaped coupling ends.

3. A system according to claim 2 wherein, in the wire retaining member, the coupling ends consist of parallel lengths of wire shaped into a V and intended to be inserted beneath the free edge or to pass through an aperture of the lateral wall of the section, the vertex of said V-shaped length being intended to engage with the aforesaid edge or, respectively, the contour of the aperture.

4. A system according to claim 3, wherein the segment of the V-shaped length of wire adjacent to said concave section extends in a plane orthogonal to the plane in which said section lies, forming an obtuse angle therewith.

5. A system according to claim 4, wherein the free ends of the V-shaped length of wire are bent so as to extend in a direction normal to the axis of symmetry of the V-shaped length.

6. A system according to claim 2 wherein, in the retaining member made of sheet metal, the coupling ends are formed as parallel tongues protruding from the main body bent in a U-shape and are intended to be inserted beneath the free edge or to pass through an aperture of the lateral wall of the section, each tongue having at its free end a raised portion or a similar projecting formation intended to engage with the inner face of said lateral wall.

7. A system according to claim 6, wherein the main body of the retaining member is formed by a metal strip bent in its central portion, each of the two halves having at least two consecutive flat segments connected along a supplementary fold line of the strip and forming an obtuse angle with each other.

8. A system according to claim 1, wherein each lateral wall of the section has a plurality of apertures the relative distances between which correspond to a predetermined distance between the longitudinal bottom wires of the tray.

9. A system according to claim 8, wherein said apertures are of elongate oval shape.

10. A system according to claim 9, wherein said apertures have an at least partially corrugated contour.

11. A system according to claim 10, wherein said contour has a toothed profile.

12. A system according to claim 10, wherein said contour has an undulating profile.

13. A support bracket comprising an upper support surface for supporting a cable tray and a pair of lateral walls connected to the longitudinal edges of said surface, wherein said lateral walls have a plurality of apertures intended to receive respective retaining members for retaining a mesh tray bearing on the bracket, said bracket being capable of being used in a system according to claims 1 to 12.

14. A bracket according to claim 13, wherein each lateral wall of the bracket has a plurality of apertures the relative distances between which correspond to a predetermined distance between the longitudinal bottom wires of the tray which it is intended to receive.

15. A bracket according to claim 14, wherein said apertures are of elongate oval shape.

16. A bracket according to claim 15, wherein said apertures have an at least partially corrugated contour.

17. A bracket according to claim 16, wherein said contour has a toothed profile.

18. A bracket according to claim 16, wherein said contour has an undulating profile.

19. A retaining member for fastening a mesh cable tray of the type comprising a series of longitudinal wires and a series of U-shaped transverse wires connected to one another so as to form a network, wherein the series of longitudinal wires include at least one bottom wire, on a support section comprising an upper support surface for supporting the tray and a pair of lateral walls connected to the longitudinal edges of said surface, comprising a concave section capable of at least partially surrounding a bottom wire of the tray and a pair of shaped coupling ends capable of engaging the free edge opposed to the longitudinal connecting edge of one of said lateral walls or of penetrating into an aperture provided on one of said lateral walls of the section and of engaging the contour of said aperture, at the transverse section plane in which the bottom wire is disposed, in such a way as to assume a stable coupling configuration, said member being capable of being used in a system according to claims 1 to 12.

20. A retaining member according to claim 19, formed as a wire retaining member bent in a U-shape and in which the coupling ends consist of parallel lengths of wire shaped into a V and intended to be inserted beneath the free edge or to pass through an aperture of the lateral wall of the section, the vertex of said V-shaped length being intended to engage with the aforesaid edge or, respectively, with the contour of the aperture.

21. A retaining member according to claim 20, wherein the segment of the V-shaped length of wire adjacent to said concave section extends in a plane orthogonal to the plane in which said section lies, forming an obtuse angle therewith.

22. A retaining member according to claim 21, wherein the free ends of the V-shaped length of wire are bent so as to

extend in a direction normal to the axis of symmetry of the V-shaped length.

23. A retaining member according to claim 19, formed as a retaining member made of sheet metal bent into a U-shape and in which the coupling ends are formed as parallel tongues protruding from the main body bent into a U-shape and are intended to be inserted beneath the free edge or to pass through an aperture of the lateral wall of the section, each tongue having at its free end a raised portion or similar projecting formation intended to engage with the inner face of said lateral wall.

24. A retaining member according to claim 23, wherein the main body of the retaining member is formed by a metal strip bent in its central portion, each of the two halves having at least two consecutive flat segments connected along a supplementary fold line of the strip and forming an obtuse angle with each other.